



— BUREAU OF —
RECLAMATION

Desalination & Water Purification Research Program

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Desalination & Water Purification Research

Fund projects with various types of impaired water sources to treat for a specified end-use

**Seawater
Desal**

**Inland
Desal**

**Water
Reuse**

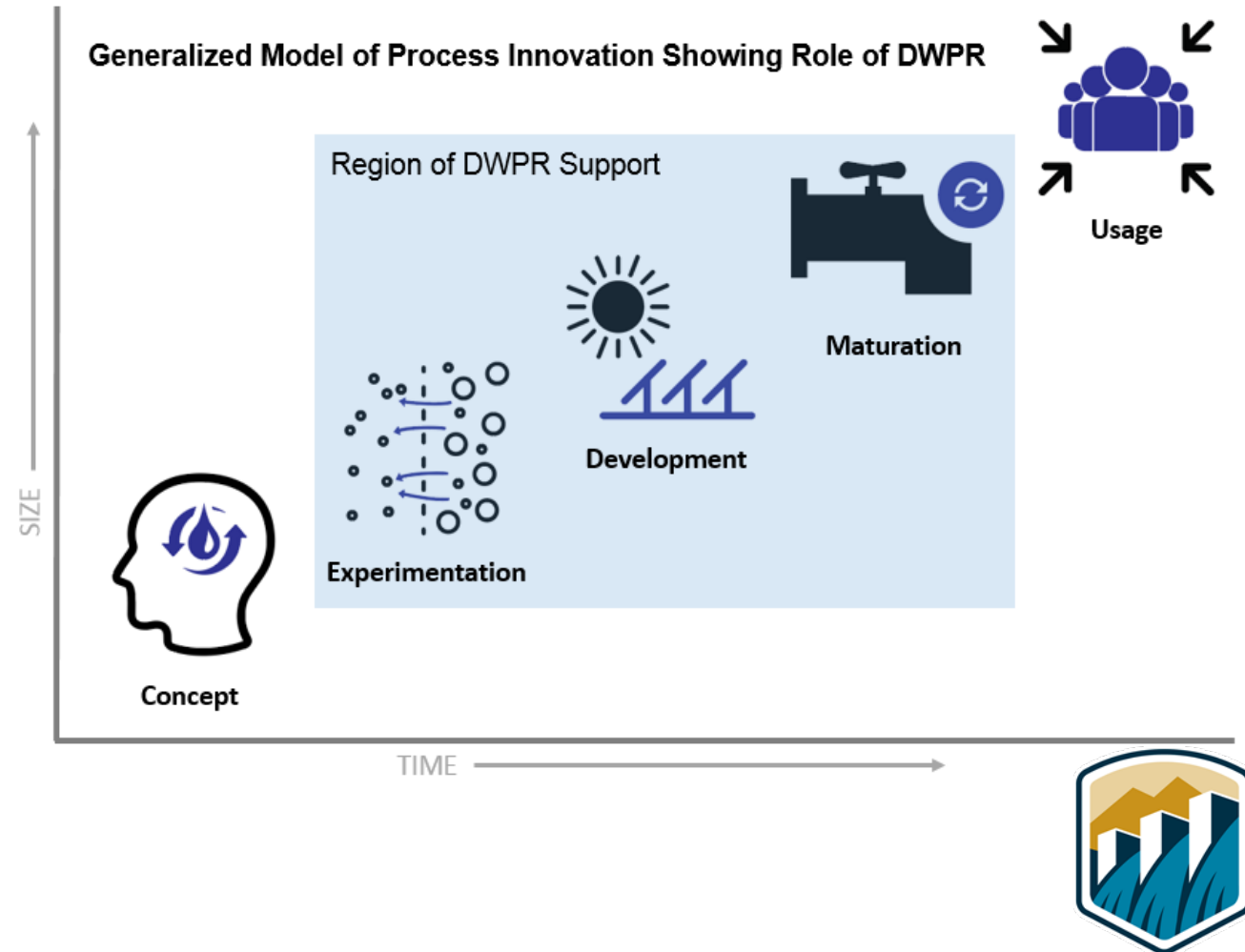
**Produced
Water**

Fund technologies or processes that are innovative and will have an impact to the water industry



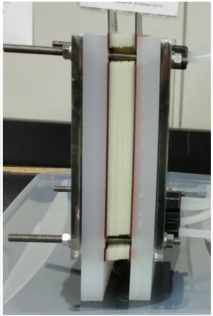
Desalination & Water Purification Research

- Goal is to augment water supplies
- Reducing cost and environmental impact
- Increase innovation



Desalination & Water Purification Research

The DWPR Program funding is applied in these areas



Research Funding Opportunity



Pitch to Pilot Funding Opportunity



O&M of Brackish Groundwater National Desalination Research Facility (BGNDRF)



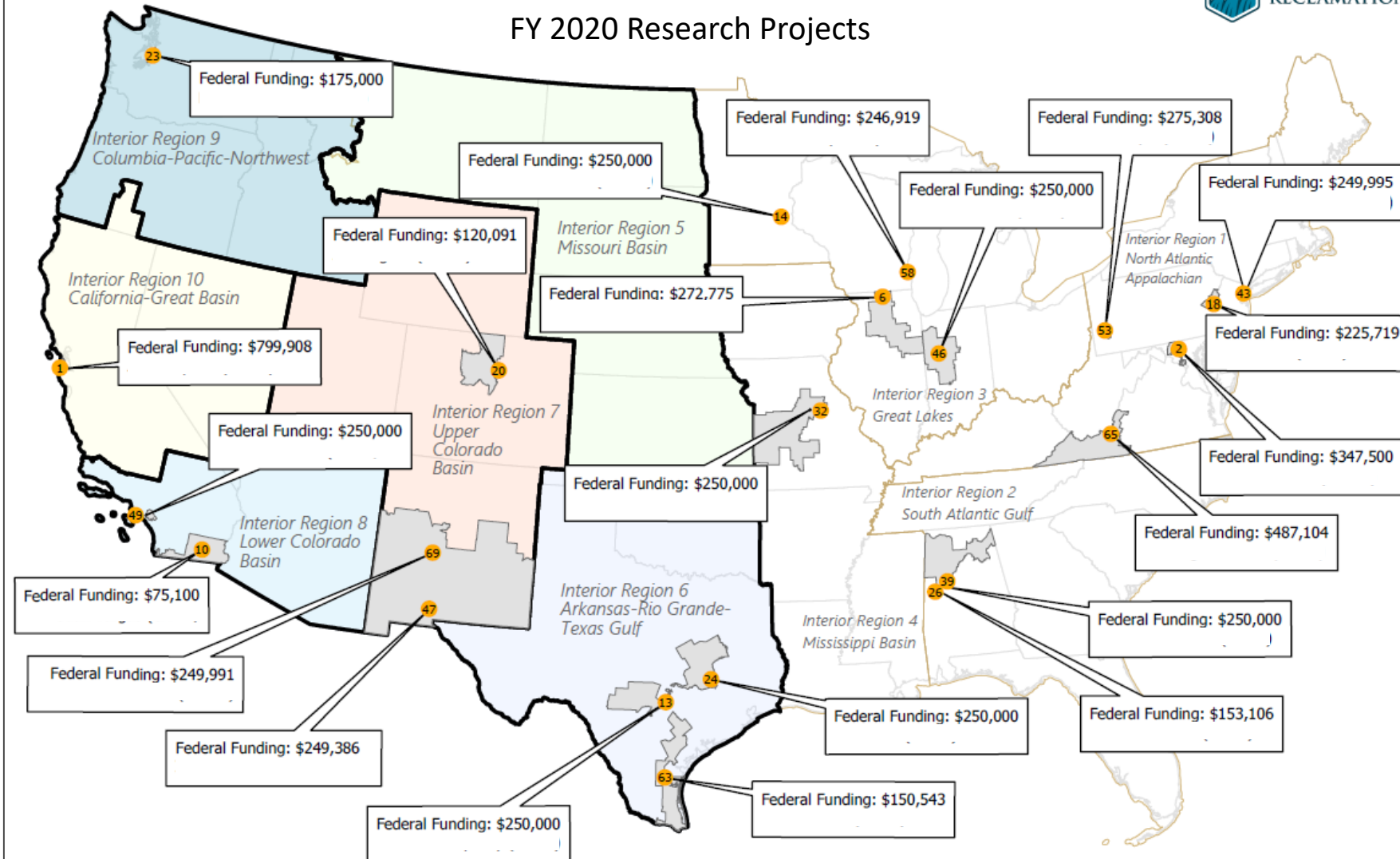
WIIN Desalination Funding Opportunity



Desalination and Water Purification Research Program (DWPR)



FY 2020 Research Projects



Research Pending Projects

116th Congressional Districts



Arkansas-Rio Grande-Texas Gulf

California-Great Basin

Columbia-Pacific Northwest

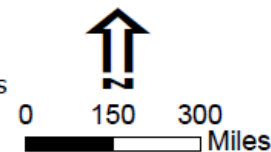
Lower Colorado Basin

Missouri Basin

Upper Colorado Basin

Non-Reclamation-DOI Unified Interior Regions

NOTE:
Labels are DWPR Report numbers



Desalination & Water Purification Research

FY 2019 Enacted Funding - \$19.8 million

- WIIN Desalination - \$12 million
- O&M BGNDRF - \$1.15 million
- Research funding - \$5.2 million
- Pitch to Pilot funding - \$1 million

2019

FY 2020 Enacted Funding - \$20 million

- WIIN Desalination - \$12 million
- O&M BGNDRF - \$1.15 million
- Research funding - \$5.8 million
- Pitch to Pilot funding – still reviewing submittals

2020



DWPR Research

Eligible Applicants

- Individuals, Academic institutions, Profit organizations, State and local governments, Non-Profit organizations, Federally-funded R&D centers, Indian tribal governments and organizations, and US-Mexico binational centers

Cost-Share

- Federal cost share is 25%, may increase up to 50%
- Academic Institutions up to 100% Federal cost share

Funding Levels

- Laboratory scale – up to \$250,000
- Pilot scale – up to \$800,000



DWPR Pitch to Pilot

Eligible Applicants

- Individuals, Academic institutions, Profit organizations, State and local governments, Non-Profit organizations, Federally-funded R&D centers, and Indian tribal governments and organizations

Cost-Share

- Not required but encouraged

Funding Levels

- Up to \$150,000



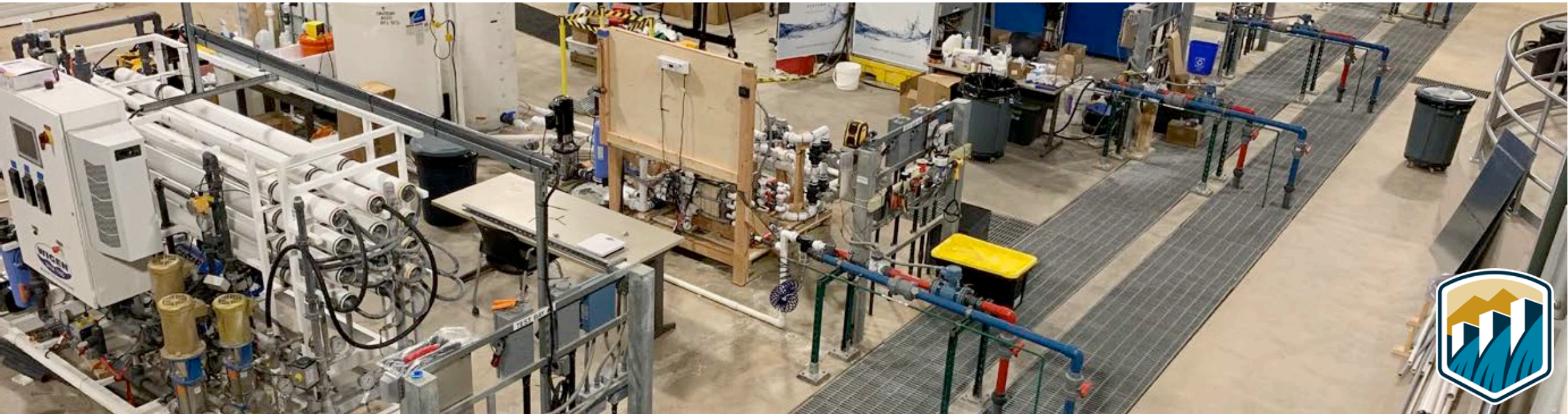


Brackish Groundwater National Desalination Research Facility



BGNDRF

- 43 Acre complex
- Primarily focused on Pilot Scale Technologies
- Clients: Universities, Businesses, Entrepreneurs, Government Agencies
- Indoor Test Bays, Outdoor Test Pads, 5-acre Agriculture Research Area, Evaporation Ponds



BGNDRF Staff

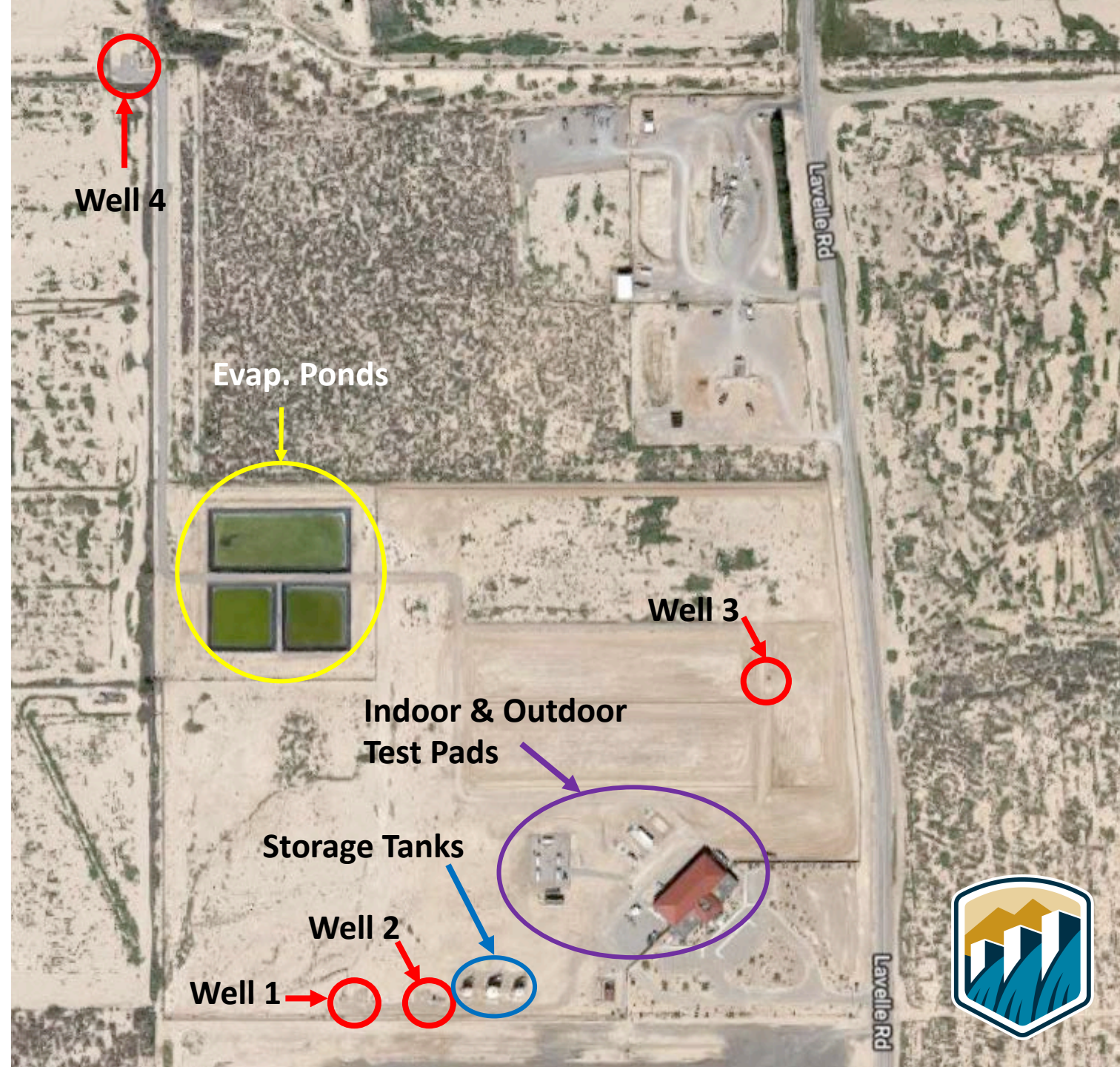
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